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## Record 7

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JP01309146 A  
PROCESS MONITOR DEVICE AND PRODUCTION OF NETWORK CHART USED FOR THE SAME  
TOSHIBA CORP  
Inventor(s):TOO SHIGEYUKI  
Application No. 01078616 JP01078616 JP, Filed 19890331,

**Abstract:** PURPOSE: To automatically produce a network chart by setting the longest constitution element train in the form of a straight line at center of the network chart area as a trunk with other constitution element trains set at both sides of said trunk element train as the branches in the order of larger lengths and displaying the progress states of each process in superposition on a monitor screen.

**CONSTITUTION:** The component elements of the stored network information are divided into classes in the array order and at the same time the front-back connecting relation added to each component element is traced. Thus each series of component elements are retrieved and stored as a data base of a network chart. Then the longest component element train of component element trains is set on a straight line at the center of the network chart area as a trunk. While other component element trains are set in parallel at both sides of said trunk train as branches in the order of longer lengths. Thus a network chart is obtained. Then the progress state of each process is superposed on the network chart and displayed on a monitor screen. In such a way, a clear network chart is automatically produced.

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**Int'l Class:** G06F01132; G05B02302 G06F00906 G06F01560

**Priority:** JP 63 76529 19880331

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